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## A Catalog of the Type Specimens of Fishes Formerly in the Collections of the Department of Tropical Research, New York Zoological Society<sup>1</sup>

GILES W. MEAD2

URING the past thirty-five years the Department of Tropical Research of the New York Zoological Society, under the direction of Dr. William Beebe, has contributed much to the study of fishes. The active field program resulted in large collections which were maintained and studied in the Department's laboratory in the Zoological Park and in a long series of technical publications. In recent years, Dr. Beebe has donated parts of this collection to several institutions, where they continue to contribute to ichthyological research. The distribution of the Department's collection of fishes was completed in 1957 with the transfer of the remaining specimens to the U.S. National Museum and the Natural History Museum, Stanford University. The type material resulting from the Department's work is now in the collections of these two institutions and four others to which specimens were given prior to 1957.

The list which follows has been prepared, at Dr. Beebe's request, primarily to make known the present location of this type material. Its compilation was simplified by the catalogs and indices maintained by Dr. Beebe and through the cooperation of the curators of the several museums that now contain collections assembled by the Department of Tropical Research.

The list is alphabetical, and all species are listed under the genus in which they were first described, regardless of subsequent transfer. Four species of deep-sea fishes were described by Dr. Beebe from sight observations from the bathysphere. These four, Bathysphaera intacta-(Beebe, 1932, Bull. New York Zool. Soc., 35

(5): 175), Bathyceratias trilychnus, Bathyembryx istiophasma and Bathysidus pentagrammus (Beebe, 1934, ibid., 37 (6): 190-192), have been omitted.

The following abbreviations have been used: NYZS-New York Zoological Society. KOH-New York Zoological Society number assigned to specimens which were cleared in potassium hydroxide and stained with alizarine for osteological study. USNM-United States National Museum, SU-Natural History Museum, Stanford University. AMNH-American Museum of Natural History. CAS-California Academy of Sciences.

Acanthemblemaria arborescens Beebe & Tee-Van, 1928, Zoologica (N.Y.), 10 (1): 244. Lamentin Reef, Port-au-Prince Bay, Haiti; Feb. 22, 1927. Type: (NYZS 6923) USNM 170566.

Acanthemblemaria crockeri Beebe & Tee-Van, 1938, ibid., 23 (3): 310. San Lucas Bay, Lower California, Mexico; April 2, 1936. Type: (NYZS 24824) SU 46497.

Acanthemblemaria variegata Beebe & Tee-Van, 1928, ibid., 10 (1): 247. Lamentin Reef, Port-au-Prince Bay, Haiti; May 8, 1927. Type: (NYZS 7464) USNM 170569.

Aceratias edentula Beebe, 1932, ibid., 13 (4): 102. 13 mi. south of Nonsuch, Bermuda; 1,000 fms.; June 2, 1931. Type: (NYZS 20571, misprinted as 20751 in text; KOH 871) USNM 170951.

Ammodytes lucasanus Beebe & Tee-Van, 1938, ibid., 23 (3): 306. Cape San Lucas, Lower California, Mexico; April 25, 1936; from stomach of Euthynnus alletterata. Type: (NYZS 25249-A) SU 46501.

Anomalopterus megalops Beebe, 1933, ibid., 13 (8): 159. 12 mi. south of Nonsuch, Bermuda; 700 fms.; July 10, 1929 (net 280). Type: (NYZS 11456) USNM 170957.

Anchoviella longipinna Beebe & Tee-Van, 1928, ibid., 10 (1): 48. Bizoton, Haiti; April 1, 1927. Type: (NYZS 7460) USNM 170574.

Arenichthys apterus Beebe & Tee-Van, 1938, ibid., 23 (3): 301. Arena Bank, Lower California, Mexico; 23° 29′ 30" N., 109° 25′ 30" W.; April 20, 1936. Type: (NYZS 25361) SU 46498.

Wildlife Service, U. S. National Museum, Washington 25, D. C.

<sup>&</sup>lt;sup>1</sup>Contribution No. 990, Department of Tropical Research, New York Zoological Society. <sup>2</sup>Ichthyological Laboratory, United States Fish and

Aristostomias photodactylus Beebe, 1933, Copeia, 1933 (4): 171. 10 mi. south of Nonsuch, Bermuda; 700 fms.; June 24, 1929. Type: (NYZS 10932) USNM 170931.

Bathophilus altipinnis Beebe, 1933, op. cit., p. 162. 8 mi. south of Nonsuch, Bermuda; 800 fms.; June 24, 1929. Type: (NYZS 10885) USNM 170926.

Bathytroctes drakei Beebe, 1929, Zoologica (N.Y.), 12 (1): 6. Hudson Gorge; 39° 15′ N., 72° 00′ W.; 800 fms.; July 7, 1928. Type: (NYZS 7690) USNM 170958.

Caulolatilus guppyi Beebe & Tee-Van, 1937, ibid., 22 (1): 93. Port of Spain market, Trinidad; Dec. 16, 1936. Type: (NYZS 24737) USNM 170565.

Cetomimus craneae Harry, 1952, ibid., 37 (1): 64. South of Nonsuch, Bermuda; 800 fms.; July 8, 1929. Type: (NYZS 11370) SU 17102.

Cetomimus teevani Harry, 1952, op. cit., p. 61. South of Nonsuch, Bermuda; 700 fms.; Sept. 29, 1930. Type: (NYZS 19519) SU 17101.

Chaenophryne crossotus Beebe, 1932, ibid., 13 (4): 83. 8 mi. south of Nonsuch, Bermuda; 500 fms.; June 15, 1931. Type: (NYZS 20809) USNM 170942.

Chaenophryne draco Beebe, 1932, op. cit., p. 84. 10 mi. southeast of Nonsuch, Bermuda; 600 fms.; Aug. 15, 1931. Type: (NYZS 22396) USNM 170943.

Chaenopsis deltarrhis Böhlke, 1957, Proc. Acad. Nat. Sci. Philadelphia, 109: 93. Gorgona Island, Colombia; 2° 57′ 30″ N., 78° 11′ W.; 2-8 fms. Type: (NYZS 28672) SU 49250.

Cherublemma lelepris Trotter, 1926, Zoologica (N.Y.), 8 (3): 119. Pacific off Colombia, 5° 03' N., 81° 08' W.; 140 fms. Type: (NYZS 5108) AMNH 8463.

Chirostomias lucidimanus Beebe, 1932, ibid., 13 (4): 52. 10 mi. south of Nonsuch, Bermuda; 500 fms.; Aug. 10, 1931. Type: (NYZS 22200) USNM 170934.

Cichlasoma haitiensis Tee-Van, 1935, ibid., 10 (2): 294. Étang Saumâtre, Cul-de-Sac Plain, Haiti; March 15, 1927. Type: (NYZS 7302) USNM 170907.

Cirrhitichthys corallicola Tee-Van, 1940, ibid., 25 (5): 58. Gorgona Island, Pacific off Colombia; 2° 58' N., 78° 11' W.; March 30, 1938. Type: (NYZS 28710-A) SU 46504.

Citharichthys gordae Beebe & Tee-Van, 1938, ibid., 23 (3): 302. Outer Gorda Bank, Lower California, Mexico; 60 fms.; April 23, 1936. Type (NYZS 25785) SU 46496.

Corythoichthys bermudensis Beebe & Tee-Van, 1932; ibid., 13 (5): 113. Nonsuch Island, Bermuda; Aug. 18, 1930. Type (NYZS 9326) USNM 170913.

Cremnobates argus Beebe & Tee-Van, 1928, ibid., 10 (1): 238. Lamentin Reef, Port-au-Prince Bay, Haiti. Type: (NYZS 7375) USNM 170904.

Cyprinodon bondi Myers, 1935, ibid., 10 (3): 303. Étang Saumâtre, Haiti; Feb. 20, 1933. Type: USNM 100960.

Cypselurus antarei Beebe & Hollister, 1931, ibid.,

12 (9): 83. 200 mi. north of Sombrero, B.W.I.; 21° 50′ N., 63° 32′ W.; June 30, 1932. Type: (Antares Exp. no. 6) USNM 170921.

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Dasyatis pacificus Beebe & Tee-Van, 1941, ibid., 26 (3): 262. Port Parker, Costa Rica; Jan. 22, 1938. Type: (NYZS 26120) AMNH 15661, 15662, 15663 (three pieces of the body) and 15710 (lower jaw).

Diabolidium arcturi Beebe, 1926, Bull. New York Zool. Soc., 29 (2): 80. Pacific; 4° 50′ N., 87° W.; 514-900 fms. Type: (NYZS 6144; number on vial containing type: 6333) SU 46505.

Dicrolene gregoryi Trotter, 1926, Zoologica (N.Y.), 8 (3): 116. Pacific; 4° 50' N., 87° W.; 844 fms.; May 31, 1925. Type: (NYZS 6063) AMNH 7511.

Dixonina pacifica Beebe, 1942, ibid., 27 (8): 43. Port Culebra, Costa Rica; 10° 31' N., 85° 40' W.; Jan. 24, 1938. Type: (NYZS 26131) SU 46486.

Dolichopteryx binocularis Beebe, 1932, ibid., 13 (4): 49. 14 mi. southeast of Nonsuch, Bermuda; 400 fms.; Aug. 4, 1931. Type: (NYZS 21867; KOH 960) USNM 170933.

Dolopichthys gladisfenae Beebe, 1932, op. cit., p. 86. 6 mi. south of Nonsuch, Bermuda; 700 fms.; May 28, 1930. Type: (NYZS 15490) USNM 170944.

Dolopichthys tentaculatus Beebe, 1932, op. cit., p. 88. 10 mi. southeast of Nonsuch, Bermuda; 600 fms.; Sept. 7, 1931. Type: (NYZS 23170) USNM 170945.

Emblemaria micropes Beebe & Tee-Van, 1938, ibid., 23 (3): 308. Inez Point, Santa Inez Bay, Gulf of California, Mexico; April 9, 1936. Type: (NYZS 24895) SU 46499.

Eucinostomus mowbrayi Beebe & Tee-Van, 1932, ibid., 13 (5): 115. Nonsuch Island, Bermuda; Sept. 30, 1930. Type: (NYZS 9328) USNM 170909.

Eupomacentrus beebei Nichols, 1924, ibid., 5 (4): 63. Eden, Indefatigable Island, Galapagos; April 1, 1923. Type: AMNH 8270.

Eupomacentrus rubridorsalis Beebe & Hollister, 1933, ibid., 12 (9): 85. Chatham Bay, Union Island, Grenadines, B.W.I.; July 9, 1932. Type: (NYZS-Antares Exp. no. 97) USNM 170922.

Eustomias satterleei Beebe, 1933, Copeia 1933 (4): 164. 8 mi. south of Nonsuch, Bermuda; 1,000 fms.; Sept. 10, 1929. Type: (NYZS 13457) USNM 170927.

Eustomias schiffi Beebe, 1932, Zoologica (N.Y.), 13 (4): 54. 6 mi. south of Nonsuch, Bermuda; 600 fms.; May 29, 1930. Type: (NYZS 15653) USNM 170935.

Exonautes marginatus Nichols & Breder, 1928, ibid., 8 (7): 429. Pacific east of the Galapagos; 2° 36'-2° 8' N., 85° 1'-86° 31' W. Type: AMNH 9234.

Exonautes nonsuchae Beebe & Tee-Van, 1932, ibid., 13 (5): 112. Near St. David's Island, Bermuda; May 15, 1929. Type: (NYZS 9983) USNM 170912.

Gambusia beebei Myers, 1935, ibid., 10 (3): 305. Étang de Miragoâne, Haiti. Type: (NYZS 7168); missing.

Gobiesox daedaleus boreus Briggs, 1955, Stanford Ichthyol. Bull., 6 (1): 111. Conchaguita Island, Gulf of Fonseca, El Salvador; Dec. 22, 1937. Type: (NYZS 27550) SU 17392.

Gobiesox stenocephalus Briggs, 1955, op. cit., p. 92. Puerto Parker, Costa Rica; Jan. 14, 1938. Type: (NYZS 27872) SU 17408.

Gigantactis perlatus Beebe & Crane, 1947, Zoologica (N.Y.), 31 (4): 167. Pacific off Jicaron Island, Panama; 500 fms.; March 20, 1938. Type: (NYZS 28621) SU 46487.

Gillellus quadrocinctus Beebe & Hollister, 1935, ibid., 19 (6): 222. (Also spelled quadrocintus, a lapsus). Union Island, Grenadines, B.W.I.; July 12, 1934. Type: (NYZS-Antares Exp. no. 180); missing.

Gobiosoma chancei Beebe & Hollister, 1933, ibid., 12 (9): 87. St. George's Bay, Grenada, B.W.I.; July 4, 1932. Type: (NYZS-Antares Exp. no. 22) USNM 170955.

Gobiosoma macrodon Beebe & Tee-Van, 1928, ibid., 10 (1): 226. Lamentin Reef, Port-au-Prince Bay, Haiti. Type: (NYZS 7462) USNM 170896.

Haplophryne hudsonius Beebe, 1929, ibid., 12 (2): 23. Hudson Gorge; 600 fms.; July 7, 1928. Type: (NYZS 7696; KOH 26) USNM 170954.

Himantolophus azurlucens Beebe & Crane, 1947, ibid., 31 (4): 155. Pacific off Cape Mala, Panama; 7° N., 79° 16′ W.; 500 fms.; March 25, 1938. Type: (NYZS 28641) SU 46507.

Hypleurochilus bermudensis Beebe & Tee-Van, 1933; ibid., 13 (7): 155. Marshall Island, Bermuda. Type: Harvard Mus. Comp. Zool. no. 33070.

Iridio bathyphilus Beebe & Tee-Van, 1932, ibid., 13 (5): 117. 1 mi. south of Nonsuch, Bermuda; 510 feet; Sept. 30, 1929. Type: (NYZS 9050) USNM 170910.

Labrisomus albigenys Beebe & Tee-Van, 1928, ibid., 10 (1): 233. Lamentin Reef, Port-au-Prince Bay, Haiti; May 9, 1927. Type: (NYZS 7372) USNM 170899.

Labrisomus haitiensis Beebe & Tee-Van, 1928, op. cit., p. 232. Bizoton, Port-au-Prince Bay, Haiti; March 15, 1927. Type: (NYZS 7170) USNM 170903.

Lampanyctus septilucis Beebe, 1932, ibid., 13 (4): 68. 7 mi. south-southwest of Nonsuch, Bermuda; 700 fms.; July 4, 1929. Type: (NYZS 14292-A) USNM 171199.

Lampanyctus polyphotis Beebe, 1932, op. cit., p. 67. 5 mi. south of Nonsuch; 900 fms.; May 25, 1929. Type: (NYZS 10151) USNM 171200.

Lamprotoxus angulifer Beebe, 1932, op. cit., p. 56. 15 mi. southeast of Nonsuch, Bermuda; 500 fms.; July 27, 1931. Type: (NYZS 21667) USNM 170936.

Lasiognathus beebei Regan & Trewavas, 1932. Dana Rep. (1928-30 Exped.), 2: 90. Descr. based on Beebe, Bull. N. Y. Zool. Soc., 33 (2): 60 (figure), without reference to specimen. Figure taken from a specimen which should stand as the type: (NYZS 9804; KOH 287) USNM 170956.

Leptocephalus micropluthalmus Beebe & Tee-Van, 1928, Zoologica (N.Y.), 10 (1): 58. Port-au-Prince

Bay, Haiti; March 19, 1927. Type: (NYZS 7080) USNM 170906.

Leptophilypnus crocodilus Beebe & Tee-Van, 1928, op. cit., p. 219. Lamentin Reef, Port-au-Prince Bay, Haiti. Type: (NYZS 7467) USNM 170905.

Leptostomias bermudensis Beebe, 1932, ibid., 13 (4): 59. 7½ mi. southeast of Nonsuch, Bermuda; 500 fms.; June 15, 1931. Type: (NYZS 20826) USNM 170937.

Linophryne brevibarbata Beebe, 1932, op. cit., p. 94. 9 mi. southeast of Nonsuch, Bermuda; 900 fms.; July 16, 1929. Type: (NYZS 11656; KOH 973) USNM 170947.

Linophryne quinqueramosus Beebe & Crane, 1947, ibid., 31 (4): 174. Pacific off Panama; 7° 24' N., 78° 35' W.; 500 fms.; April 4, 1938. Type: (NYZS 28709) SU 46506.

Lipactis megalops Beebe, 1929, ibid., 12 (1): 19. Hudson Gorge; 1,000 fms.; July 28, 1925. Type: (NYZS 6633-A) missing since prior to 1932.

Lophodolus lyra Beebe, 1932, ibid., 13 (4): 96. 10 mi. south of Nonsuch, Bermuda; 800 fms.; July 27, 1931. Type: (NYZS 21610) USNM 170949.

Macromastax gymnos Beebe, 1933, ibid., 13 (8): 162. 8 mi. south of Nonsuch, Bermuda; 1,000 fms.; June 22, 1929. Type: (NYZS 10829) USNM 170960.

Macrostomias calosoma Beebe, 1933, op. cit., p. 165. 12 mi. southeast of Nonsuch, Bermuda; 600 fms.; Sept. 15, 1930. Type: (NYZS 18781); missing.

Megalodoras irwini Eigenmann, 1925, Trans. American Phil. Soc., n.s., 22 (5): 307-308. Beebe's specimen, Indiana Univ. no. TRS 2567, was made the type of a new species which Eigenmann suppressed in proof when he found it to be a large representative of M. irwini, described on the following page. It is evident from his account that he intended a specimen from Iquitos collected by Allen to be the type. Beebe's fish is now in the California Academy of Sciences (CAS 20735).

Melanocetus megalodontis Beebe & Crane, 1947, Zoologica (N.Y.), 31 (4): 152. Pacific 145 mi. north of Clarion Island; 500 fms.; May 17, 1936. Type: (NYZS 25791) SU 46488.

Melanonus unipennis Beebe, ibid., 13 (4): 74. 10 mi. southeast of Nonsuch, Bermuda; 700 fms.; Aug. 15, 1931. Type: (NYZS 22397) USNM 170940.

Melauostomias bulbosus Beebe, 1933, Copeia, 1933 (4): 166. 9 mi. southeast of Nonsuch, Bermuda; 700 fms.; May 30, 1929. Type: (NYZS 10235) USNM 170928.

Mnierpes macrocephalus catherinae Clark Hubbs, 1952, Stanford Ichthyol. Bull., 4 (2): 61. Piedra Blanca, Costa Rica; Feb. 4, 1938. Type: (NYZS 27178, misprinted as 28178) SU 46509.

Mobula lucasana Beebe & Tee-Van, 1938, Zoologica (N.Y.), 23 (3): 299. San Lucas Bay, Lower California, Mexico. Type: (NYZS 24793) AMNH 15676 and 15675 (two pieces).

Neonesthes gnathoprora Cohen, 1956, ibid., 41 (2): 81. South of Nonsuch, Bermuda; 900 fms.; Aug. 17, 1929. Type: (NYZS 12501) SU 46381.

Neonesthes nicholsi Beebe, 1933, Copeia, 1933 (4): 160. 9 mi. south of Nonsuch, Bermuda; 800 fms.; Sept. 1, 1930. Type: (NYZS 17529) USNM 170925.

Ophioblennius ferox Beebe & Tee-Van, 1928, Zoologica (N.Y.), 10 (1): 242. Bizoton, Port-au-Prince Bay, Haiti; April 6, 1927. Type: (NYZS 7152) USNM 170901.

Parabrotula dentiens Beebe, 1932, ibid., 13 (4): 81. 8 mi. southeast of Nonsuch, Bermuda; 800 fms.; June 12, 1930. Type: (NYZS 16110; published error: NYZS 15882; KOH 556) USNM 170952.

Paraclinus beebei Clark Hubbs, 1952, Stanford Ichthyol. Bull., 4 (2): 81. Piedra Bay, Costa Rica.

Type: (NYZS 28152) SU 46512.

Pherallodiscus varius Briggs, 1955, ibid., 6 (1): 131. Passavera Island, Chamela Bay, Jalisco, Mex-

ico; Nov. 19, 1937. Type: SU 17807.

Photichthys nonsuchae Beebe, 1932, Zoologica (N.Y.), 13 (4): 61. 7 mi. south-southwest of Nonsuch, Bermuda; 600 fms.; May 3, 1929. Type: (NYZS 9793; published error: NYZS 9973) USNM 170938.

Photonectes bifilifer Beebe, 1933, Copeia, 1933 (4): 167. 9 mi. south of Nonsuch, Bermuda; 800 fms.; May 19, 1930. Type: (NYZS 15146) USNM 170929.

Photonectes cornutus Beebe, 1933, op. cit., p. 169. 10 mi. south of Nonsuch, Bermuda; 600 fms.; Sept. 4, 1930. Type: (NYZS 17875) USNM 170930.

Photostylus pycnopterus Beebe, 1933, Zoologica (N.Y.), 13 (8): 163. 9 mi. southeast of Nonsuch, Bermuda; 800 fms.; May 30, 1929. Type: (NYZS 10217) USNM 170959.

Pomacentrus freemani Beebe & Tee-Van, 1928, ibid., 10 (1): 196. Sand Cay, Port-au-Prince Bay, Haiti; May 7, 1927. Type: (NYZS 7269) USNM 170898.

Prionotus teaguei Briggs, 1956, Quart. Journ. Florida Acad. Sci., 19 (2-3): 101. 14 mi. southeast of Judas Point, Costa Rica; 9° 19′ 32″ N., 84° 29′ 30″

W.; March 1, 1938. Type: SU 46380.

Psammobatus spinosissimus Beebe & Tee-Van, 1941, Zoologica (N.Y.), 26 (3): 259. Pacific south of Cocos Island; 765 fms.; June 3, 1925. Type: (NYZS 6132) SU 46500. Station data given in text do not agree with Arcturus station 72, the published number, but with station 74.

Pseudoscopelus stellatus Beebe, 1932, ibid., 13 (4): 75. 8 mi. southeast of Nonsuch, Bermuda; 300 fms.; July 7, 1931. Type: (NYZS 21555) USNM

170941.

Quassiremus goslingi Beebe & Tee-Van, 1932, ibid., 13 (5): 110. Castle Roads, Bermuda; 30 feet; March 21, 1929. Type: (NYZS 8700) USNM 170563.

Runula albolinea Nichols, 1924, ibid., 5 (4): 64. Indefatigable Island, Galapagos. Type: AMNH 8271.

Rypticus bornoi Beebe & Tee-Van, 1928, ibid., 10 (1): 132. Lamentin Reef, Port-au-Prince Bay, Haiti; April 27, 1927. Type: (NYZS 7206) USNM 170572.

Saccopharynx harrisoni Beebe, 1932, ibid., 13 (4): 63. 10 mi. southeast of Nonsuch, Bermuda; 900 fms.; June 11, 1931. Type: (NYZS 20802) USNM 170939.

Scorpaenodes cortezi Beebe & Tee-Van, 1938, ibid., 23 (3): 304. Off San José Island, Gulf of California, Mexico; 24° 55' N., 110° 20' W.; April 8, 1936. Type: (NYZS 24889-A) SU 46503.

Scorpaenodes russelli Beebe & Tee-Van, 1928, ibid., 10 (1): 189. Bizoton Reef, Port-au-Prince Bay, Haiti; 12 feet; April 27, 1927. Type: (NYZS 7207) USNM 170573.

Somersia furcata Beebe & Tee-Van, 1934, American Mus. Novitates, 730: 1. Hungry Bay, Bermuda; Nov. 12, 1933. Type: (NYZS 26165) USNM 170924.

Stathmonotus corallicola Beebe & Tee-Van, 1928, Zoologica (N.Y.), 10 (1): 249. Lamentin Reef, Port-au-Prince Bay, Haiti; April 22, 1927. Type: (NYZS 7463) USNM 170571.

Stathmonotus lugubris Böhlke, 1953, ibid., 38 (3): 145. Port Guatulco, Golfo de Tehuantepec, Mexico; 15° 43′ 30″ N., 96° 08′ W.; Dec. 3, 1937. Type: (NYZS 27236) SU 17748.

Stomias fusus Beebe, 1929, ibid., 12 (1): 7. Hudson Gorge; 600 fms.; Aug. 6, 1928. Type: (NYZS 7667) USNM 170953.

Syngnathus mackayi nesiotes Herald, 1942, Stanford Ichthyol. Bull., 4 (2): 128. Nonsuch, Bermuda. Type: (NYZS 8919) USNM 170915.

Syngnathus pipulus Beebe & Tee-Van, 1932, Zoologica (N.Y.), 13 (5): 115. The Reach, Bermuda. Type: (NYZS 25152) USNM 170914.

Tomicodon eos rhadinus Briggs, 1955, Stanford Ichthyol. Bull., 6 (1): 70. Tangola-Tangola Bay, Oaxaca, Mexico; Dec. 12, 1937. Type: (NYZS 27516) SU 18121.

Trematorhynchus adipatus Beebe & Crane, 1947, Zoologica (N.Y.), 31 (4): 163. Pacific 71 mi. off Cape Corrientes, Colombia; 500 fms.; March 26, 1938. Type: (NYZS 28770) SU 46494.

Trematorhynchus moderatus Beebe & Crane, 1947, op. cit., p. 164. Pacific, off Cape Corrientes. Colombia; 500 fms.; March 26, 1938. Type: (NYZS 28771) SU 46492.

Trematorhynchus multilamellatus Beebe & Crane, 1947, op. cit., p. 165. 16 mi. southwest of Narborough Island, Galapagos; 1,900 fms.; June 12, 1925. Type: (NYZS 6321) SU 46490.

Trematorhynchus multiradiatus Beebe & Crane, 1947, op. cit., p. 166. Pacific, 11 mi. southwest of Jicaron Island, Panama; 500 fms.; March 20, 1938. Type: (NYZS 28773) SU 46491.

Trematorhynchus paucilamellatus Beebe & Crane, 1947, op. cit., p. 166. Pacific, 20 mi. south of Cape Blanco, Costa Rica; 500 fms.; Feb. 7, 1938. Type: (NYZS 28250) SU 46489.

Ultimostomias mirabilis Beebe, 1933, Copeia, 1933 (4): 174. 12 mi. south of Nonsuch, Bermuda; 900 fms.; June 24, 1929. Type: (NYZS 10865) USNM 170932.

Xenoceratias nudus Beebe & Crane, 1947, Zoologica (N. Y.), 31 (4): 155. Pacific, 20 mi. south of Cape Blanco, Costa Rica; 500 fms.; Feb. 27, 1938. Type: (NYZS 28402) SU 46495.